

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: February 17, 2005, 12:55:24 ; Search time 18.9381 Seconds  
(without alignments)  
421.767 Million cell updates/sec

Title: US-09-766-535A-3

Perfect score: 557

Sequence: 1 DILLQSPAILSVSPGERVS.....CQSHSWPFTFGTGNLEVK 107

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*

1: /cgn2.6/prodata/1/1aa/5A-COMB.pep:\*

2: /cgn2.6/prodata/1/1aa/5B-COMB.pep:\*

3: /cgn2.6/prodata/1/1aa/6A-COMB.pep:\*

4: /cgn2.6/prodata/1/1aa/6B-COMB.pep:\*

5: /cgn2.6/prodata/1/1aa/PCTUS-COMB.pep:\*

6: /cgn2.6/prodata/1/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	557	100.0	107	1	US-08-192-102-3
2	557	100.0	107	1	US-08-324-799-3
3	557	100.0	107	1	US-08-192-861A-3
4	557	100.0	107	3	US-09-133-119-3
5	557	100.0	107	3	US-08-192-093A-3
6	557	100.0	107	4	US-09-756-301B-3
7	557	100.0	107	4	US-09-756-398B-3
8	506	90.8	107	2	US-08-232-081B-40
9	502	90.1	244	4	US-09-244-369B-1
10	502	90.1	244	4	US-09-940-391-1
11	500	89.8	239	2	US-07-956-399-4
12	498	89.4	240	2	US-07-956-399-2
13	496	89.0	106	1	US-08-326-362-4
14	494	88.7	107	2	US-08-476-176B-4
15	494	88.7	107	3	US-08-127-721A-4
16	494	88.7	107	3	US-08-485-246A-4
17	490	88.0	106	2	US-08-800-198-4
18	490	88.0	106	3	US-09-296-595-4
19	490	88.0	240	2	US-08-800-198-8
20	490	88.0	240	3	US-09-296-595-8
21	472	84.7	143	2	US-08-653-402B-8
22	436	78.3	107	1	US-08-436-463-20
23	436	78.3	108	4	US-09-232-290-27
24	436	78.3	109	1	US-07-942-245-4
25	433	77.7	107	1	US-08-107-669D-1
26	433	77.7	107	1	US-08-472-788A-1
27	433	77.7	107	2	US-08-477-531B-1

28	433	77.7	107	2	US-08-082-842A-1	Sequence 1, Appli
29	427	76.7	127	1	US-08-436-463-4	Sequence 4, Appli
30	424	76.1	107	1	US-07-634-278-62	Sequence 62, Appli
31	424	76.1	107	1	US-08-477-728-62	Sequence 62, Appli
32	424	76.1	107	1	US-08-474-040-62	Sequence 62, Appli
33	424	76.1	107	1	US-08-487-200-62	Sequence 62, Appli
34	424	76.1	107	3	US-08-484-537-62	Sequence 62, Appli
35	424	76.1	127	1	US-07-634-278-83	Sequence 83, Appli
36	424	76.1	127	1	US-08-477-728-83	Sequence 83, Appli
37	424	76.1	127	1	US-08-474-040-83	Sequence 83, Appli
38	424	76.1	127	1	US-08-487-200-83	Sequence 83, Appli
39	424	76.1	127	3	US-08-484-537-83	Sequence 83, Appli
40	421	75.6	127	2	US-08-476-176B-6	Sequence 6, Appli
41	421	75.6	127	3	US-08-127-721A-6	Sequence 6, Appli
42	421	75.6	127	3	US-08-485-246A-6	Sequence 6, Appli
43	420	75.4	127	1	US-08-436-463-18	Sequence 18, Appli
44	419	75.2	108	3	US-09-247-352-1	Sequence 1, Appli
45	419	75.2	108	4	US-09-466-635-1	Sequence 1, Appli

## ALIGNMENTS

RESULT 1  
US-08-192-102-3  
; Sequence 3, Application US/08192102  
; Patent No. 5656272  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter E.  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott A.  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,102  
; FILING DATE: 04-FEB-1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,093  
; FILING DATE: 04-FEB-1994  
; APPLICATION NUMBER: US 08/013,413  
; FILING DATE: 02-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/010,406  
; FILING DATE: 29-JAN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/943,852  
; FILING DATE: 11-SEP-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/853,606  
; FILING DATE: 18-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/670,827  
; FILING DATE: 18-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brook, David E.  
; REGISTRATION NUMBER: 22,592

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; REFERENCE/DOCKET NUMBER: NYU93-01M3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-192-102-3

Query Match          100.0%; Score 557; DB 1; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.6e-46; Indels 0; Gaps 0;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVFSFCRASQFVGSSIHMYQORTNGSPRLLIKAYASEMSGIPS 60
DB 1 DILLTQSPAILSVSPGERVFSFCRASQFVGSSIHMYQORTNGSPRLLIKAYASEMSGIPS 60

QY 61 RFGSGSGTDFTLISINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
DB 61 RFGSGSGTDFTLISINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 2
US-08-324-799-3
; Sequence 3, Application US/08324799
; Patent No. 5698195
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/324,799
; FILING DATE: 18-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA: US 07/670,827
; APPLICATION NUMBER: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-324-799-3

Query Match          100.0%; Score 557; DB 1; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.6e-46; Indels 0; Gaps 0;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVFSFCRASQFVGSSIHMYQORTNGSPRLLIKAYASEMSGIPS 60
DB 1 DILLTQSPAILSVSPGERVFSFCRASQFVGSSIHMYQORTNGSPRLLIKAYASEMSGIPS 60

QY 61 RFGSGSGTDFTLISINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
DB 61 RFGSGSGTDFTLISINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 3
US-08-192-861A-3
; Sequence 3, Application US/08192861A
; Patent No. 5919452
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: METHODS OF TREATING TNF-MEDIATED DISEASE USING
; TITLE OF INVENTION: CHIMERIC ANTI-TNF ANTIBODIES (As Amended)
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,861A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
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/ FILING DATE: 18-MAR-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/670,827
/ FILING DATE: 18-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brook, David E.
/ REGISTRATION NUMBER: 22,592
/ REFERENCE/DOCKET NUMBER: NYU93-01M2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (781) 861-6240
/ TELEFAX: (781) 861-9540
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 107 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-08-192-861A-3

Query Match 100.0%; Score 557; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.6e-46;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLLIKAYASESMGIPS 60

QY 61 RFGSGSGTDFTLSTINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDFTLSTINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 4
US-09-113-119-3
/ Sequence 3, Application US/09133119
/ Patent No. 627969
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter E.
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott A.
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
/ TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/133,119
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/570,674
/ FILING DATE: 11-DEC-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/324,799
/ FILING DATE: 18-OCT-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,093
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,102
/ FILING DATE: 04-FEB-1994
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/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,861
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/013,413
/ FILING DATE: 02-FEB-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/010,406
/ FILING DATE: 29-JAN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/943,852
/ FILING DATE: 11-SEP-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/853,606
/ FILING DATE: 18-MAR-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/670,827
/ FILING DATE: 18-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brook, David E.
/ REGISTRATION NUMBER: 22,592
/ REFERENCE/DOCKET NUMBER: NYU93-01M4A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 107 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-09-133-119-3

Query Match 100.0%; Score 557; DB 3; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.6e-46;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLLIKAYASESMGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLLIKAYASESMGIPS 60

QY 61 RFGSGSGTDFTLSTINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDFTLSTINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 5
US-08-192-093A-3
/ Sequence 3, Application US/08192093A
/ Patent No. 6284471
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter E.
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott A.
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
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/ APPLICATION NUMBER: US/08/192,093A
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/013,413
/ FILING DATE: 02-FEB-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/010,406
/ FILING DATE: 29-JAN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/943,852
/ FILING DATE: 11-SEP-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/853,606
/ FILING DATE: 18-MAR-1992
/ APPLICATION DATA:
/ APPLICATION NUMBER: US 07/670,827
/ FILING DATE: 18-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brook, David E.
/ REGISTRATION NUMBER: 22,592
/ REFERENCE/DOCKET NUMBER: NTU93-01M3
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 107 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ US-08-192-093A-3

Query Match
Best Local Similarity 100.0%; Score 557; DB 3; Length 107;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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|
Db 1 DILLTQSPAILSVSPGERVSVFSCRSQFVGGSSIHVYQORTNGSPRLIKYASESMGIPSS 60
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|
|
Qy 61 RFGSGSGTDFTLTINTVESEDADYYCQSHSWPFTFGSGTNLEVK 107
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Db 61 RFGSGSGTDFTLTINTVESEDADYYCQSHSWPFTFGSGTNLEVK 107
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RESULT 6
US-09-756-301B-3
/ Sequence 3, Application US/09/756301B
/ Patent No. 6790444
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Grayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE REFERENCE: 0975.1005-008
/ CURRENT APPLICATION NUMBER: US/09/756,301B
/ CURRENT FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ PRIOR FILING DATE: 1991-03-18
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 107
/ TYPE: PRT

US-09-756-301B-3
Query Match
Best Local Similarity 100.0%; Score 557; DB 4; Length 107;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 DILLTQSPAILSVSPGERVSVFSCRSQFVGGSSIHVYQORTNGSPRLIKYASESMGIPSS 60
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Qy 61 RFGSGSGTDFTLTINTVESEDADYYCQSHSWPFTFGSGTNLEVK 107
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Db 61 RFGSGSGTDFTLTINTVESEDADYYCQSHSWPFTFGSGTNLEVK 107
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RESULT 7
US-09-756-398B-3
/ Sequence 3, Application US/09756398B
/ Patent No. 6835823
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Grayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE REFERENCE: 0975.1005-006
/ CURRENT APPLICATION NUMBER: US/09/756,398B
/ CURRENT FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ PRIOR FILING DATE: 1991-03-18
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 107
/ TYPE: PRT
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ORGANISM: Mus Balb/c  
US-09-756-398B-3

Query Match 100.0%; Score 557; DB 4; Length 107;  
Best Local Similarity 100.0%; Pred. No. 6.6e-46; Indels 0; Gaps 0;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
QY 61 RFSGSGGTDFTLSINTVSESDIADYYCQSHSWPFTFGSGTNLEVK 107  
DB 61 RFSGSGGTDFTLSINTVSESDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 8

US-08-232-081B-40  
Sequence 40, Application US/08232081B

Patent No. 5886152  
GENERAL INFORMATION:  
APPLICANT: NAKATANI, TOMOYUKI  
APPLICANT: GOMI, HIDEYUKI  
APPLICANT: WIDENES, JOHN  
APPLICANT: NOGUCHI, HIROSHI  
TITLE OF INVENTION: HUMANIZED B-B10  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESS: BIRCH, STEWART, KOLASCH AND BIRCH  
STREET: PO BOX 747  
CITY: FALLS CHURCH  
STATE: VA  
COUNTRY: USA  
ZIP: 22040-0747  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/232,081B  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: SVENSSON, LEONARD R  
REGISTRATION NUMBER: 30,330  
REFERENCE/DOCKET NUMBER: 20-3484  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-08-232-081B-40

Query Match 90.8%; Score 506; DB 2; Length 107;  
Best Local Similarity 89.7%; Pred. No. 4.7e-41; Indels 0; Gaps 0;  
Matches 96; Conservative 7; Mismatches 4; Indels 0; Gaps 0;  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
QY 61 RFSGSGGTDFTLSINTVSESDIADYYCQSHSWPFTFGSGTNLEVK 107  
DB 61 RFSGSGGTDFTLSINTVSESDIADYYCQSHSWPFTFGAGTKLEIK 107

RESULT 9

US-09-244-369B-1

Sequence 1, Application US/09244369B  
Patent No. 6418338

GENERAL INFORMATION:  
APPLICANT: Barbera-Guillem, Emilio  
TITLE OF INVENTION: Method for detecting and surgically removing lymphoid tissue inv  
TITLE OF INVENTION: tumor progression  
FILE REFERENCE: Phy-01  
CURRENT APPLICATION NUMBER: US/09/244,369B  
PRIOR FILING DATE: 1999-02-04  
PRIOR APPLICATION NUMBER: US 60/073,882  
PRIOR FILING DATE: 1998-02-06  
PRIOR APPLICATION NUMBER: US 60/077,970  
PRIOR FILING DATE: 1998-03-13  
NUMBER OF SEQ ID NOS: 1  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 1  
LENGTH: 244  
TYPE: PRT  
ORGANISM: Mus sp.  
US-09-244-369B-1

Query Match 90.1%; Score 502; DB 4; Length 244;  
Best Local Similarity 88.8%; Pred. No. 2.8e-40; Indels 0; Gaps 0;  
Matches 95; Conservative 7; Mismatches 5; Indels 0; Gaps 0;  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
DB 135 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 194  
QY 61 RFSGSGGTDFTLSINTVSESDIADYYCQSHSWPFTFGSGTNLEVK 107  
DB 195 RFSGSGGTDFTLSINTVSESDIADYYCQHTNSWPFTFGGPKLEIK 241

RESULT 10

US-09-940-391-1  
Sequence 1, Application US/09940391

Patent No. 6760612  
GENERAL INFORMATION:  
APPLICANT: Barbera-Guillem, Emilio  
TITLE OF INVENTION: Method for detecting lymphoid tissue involved in tumor progressi  
FILE REFERENCE: Phy-03  
CURRENT APPLICATION NUMBER: US/09/940,391  
CURRENT FILING DATE: 2001-08-27  
PRIOR APPLICATION NUMBER: 09/244,369  
PRIOR FILING DATE: 1999-02-04  
PRIOR APPLICATION NUMBER: 60/077,970  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/073,882  
PRIOR FILING DATE: 1998-02-06  
NUMBER OF SEQ ID NOS: 1  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 1  
LENGTH: 244  
TYPE: PRT  
ORGANISM: Mus sp.  
US-09-940-391-1

Query Match 90.1%; Score 502; DB 4; Length 244;

Best Local Similarity 88.8%; Pred. No. 2.8e-40; Indels 0; Gaps 0;  
Matches 95; Conservative 7; Mismatches 5; Indels 0; Gaps 0;  
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DB 135 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 194  
QY 61 RFSGSGGTDFTLSINTVSESDIADYYCQSHSWPFTFGSGTNLEVK 107  
DB 195 RFSGSGGTDFTLSINTVSESDIADYYCQHTNSWPFTFGGPKLEIK 241

RESULT 11

US-07-956-399-4



NAME: Einaudi, Carol P.  
REGISTRATION NUMBER: 32,220  
REFERENCE/DOCKET NUMBER: 02481-1276-00000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-408-4000  
TELEFAX: 202-408-4400  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 106 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-326-362-4

Query Match 89.0%; Score 496; DB 1; Length 106;  
Best Local Similarity 87.7%; Pred. No. 4.1e-40;  
Matches 93; Conservative 9; Mismatches 4; Indels 0; Gaps 0;  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
QY 61 RFGSGSGTDFTLTINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 106  
DB 61 RFGSGSGTDFTLTINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 106

RESULT 14  
US-08-476-176B-4  
Sequence 4, Application US/08476176B  
Patent No. 5958708  
GENERAL INFORMATION:  
APPLICANT: Hardman, No. 5958708man  
APPLICANT: Kolbinger, Frank  
APPLICANT: Saldanha, Jose  
TITLE OF INVENTION: Reshaped monoclonal antibodies against an  
TITLE OF INVENTION: immunoglobulin isotype  
NUMBER OF SEQUENCES: 55  
CORRESPONDENCE ADDRESS:  
ADDRESS: No. 5958708artis Patent Department  
STREET: 59 Route 10  
CITY: East Hanover  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07936-1080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/476,176B  
FILING DATE: 25-SEPTEMBER-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/127,721  
FILING DATE: 27-SEPTEMBER-1993  
APPLICATION NUMBER: US 07/952,802  
FILING DATE: 25-SEPTEMBER-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5958708ak, Henry P.  
REGISTRATION NUMBER: 33,200  
REFERENCE/DOCKET NUMBER: 4-19276/A/P2/CIP  
TELEPHONE: (908) 277-5110  
TELEFAX: (908) 277-4306  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-476-176B-4

Query Match 88.7%; Score 494; DB 2; Length 107;  
Best Local Similarity 86.9%; Pred. No. 6.5e-40;  
Matches 93; Conservative 9; Mismatches 5; Indels 0; Gaps 0;  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
QY 61 RFGSGSGTDFTLTINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 107  
DB 61 RFGSGSGTDFTLTINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 15  
US-08-127-721A-4  
Sequence 4, Application US/08127721A  
Patent No. 6066718  
GENERAL INFORMATION:  
APPLICANT: Hardman, No. 6066718man  
APPLICANT: Kolbinger, Frank  
APPLICANT: Saldanha, Jose  
TITLE OF INVENTION: Reshaped monoclonal antibodies against an  
TITLE OF INVENTION: immunoglobulin isotype  
NUMBER OF SEQUENCES: 55  
CORRESPONDENCE ADDRESS:  
ADDRESS: No. 6066718artis Patent and Trademark Department  
STREET: 59 Route 10  
CITY: East Hanover  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07936-1080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/127,721A  
FILING DATE: 27-SEPTEMBER-1993  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/952,802  
FILING DATE: 25-SEPTEMBER-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6066718ak, Henry P.  
REGISTRATION NUMBER: 33,200  
REFERENCE/DOCKET NUMBER: 4-19276/A/P2/CIP  
TELEPHONE: (908) 277-5110  
TELEFAX: (908) 277-4306  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-127-721A-4

Query Match 88.7%; Score 494; DB 3; Length 107;  
Best Local Similarity 86.9%; Pred. No. 6.5e-40;  
Matches 93; Conservative 9; Mismatches 5; Indels 0; Gaps 0;  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
QY 61 RFGSGSGTDFTLTINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 107  
DB 61 RFGSGSGTDFTLTINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 107

Search completed: February 17, 2005, 13:08:21

Job time : 21.9381 secs

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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: February 17, 2005, 13:05:20 ; Search time 85.2212 Seconds  
(without alignments)  
410.869 Million cell updates/sec

Title: US-09-766-535A-3

Perfect score: 557

Sequence: 1 DILLQSPAILSVSPGRVS.....CQSHSWPTFGSGTNLEVK 107

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1380268 seqs, 327241040 residues

Total number of hits satisfying chosen parameters: 1380268

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.\*

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- 2: /cgn2\_6/prodata/1/pubpaa/FCI\_NEW\_PUB.pep.\*
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- 19: /cgn2\_6/prodata/1/pubpaa/US60\_NEW\_PUB.pep.\*
- 20: /cgn2\_6/prodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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2	557	100.0	107	9 US-09-927-703-3	Sequence 3, Appli
3	557	100.0	107	9 US-09-766-535A-3	Sequence 3, Appli
4	557	100.0	107	9 US-09-756-161A-3	Sequence 3, Appli
5	557	100.0	107	10 US-09-756-398B-3	Sequence 3, Appli
6	557	100.0	107	10 US-09-897-724-3	Sequence 3, Appli
7	557	100.0	107	13 US-10-010-229-3	Sequence 3, Appli
8	557	100.0	107	13 US-10-043-450-3	Sequence 3, Appli
9	557	100.0	107	13 US-10-044-534-3	Sequence 3, Appli
10	557	100.0	107	14 US-10-043-432-3	Sequence 3, Appli
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12	557	100.0	107	14 US-10-198-845-3	Sequence 3, Appli
13	557	100.0	107	14 US-10-227-488-3	Sequence 3, Appli

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557	100.0	107	14	US-10-186-559-3	Sequence 3, Appli
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557	100.0	107	14	US-10-371-443-3	Sequence 3, Appli
557	100.0	107	14	US-10-379-866-3	Sequence 3, Appli
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557	100.0	107	15	US-10-384-060-31	Sequence 31, Appli
557	100.0	107	16	US-10-665-971-3	Sequence 3, Appli
557	100.0	107	16	US-10-637-759-3	Sequence 3, Appli
557	100.0	107	16	US-10-774-118-3	Sequence 3, Appli
557	100.0	226	15	US-10-411-037-42	Sequence 42, Appli
557	100.0	226	15	US-10-411-026-42	Sequence 42, Appli
557	100.0	226	15	US-10-410-962-42	Sequence 42, Appli
557	100.0	226	15	US-10-411-049-42	Sequence 42, Appli
557	100.0	226	16	US-10-410-930-42	Sequence 42, Appli
557	100.0	226	16	US-10-410-997-42	Sequence 42, Appli
557	100.0	226	16	US-10-411-012-42	Sequence 42, Appli
557	100.0	226	16	US-10-287-994-42	Sequence 42, Appli
557	100.0	226	16	US-10-410-913-42	Sequence 42, Appli
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502	90.1	108	15	US-10-412-703A-129	Sequence 129, Appli
502	90.1	244	9	US-09-940-391-1	Sequence 9, Appli
502	90.1	244	15	US-10-336-210-9	Sequence 1, Appli
502	90.1	510	15	US-10-336-210-8	Sequence 8, Appli
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502	90.1	510	15	US-10-239-656-49	Sequence 49, Appli

#### ALIGNMENTS

RESULT 1  
US-09-756-301A-3  
; Sequence 3, Application US/09756301A  
; Patent No. US20010027249A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junning  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-008  
; CURRENT APPLICATION NUMBER: US/09/756,301A  
; CURRENT FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18

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; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-301A-3

Query Match      100.0%; Score 557; DB 9; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60

Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107

RESULT 2
US-09-927-703-3
; Sequence 3, Application US/09927703
; Patent No. US20020022720A1
; GENERAL INFORMATION:
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/09/927,703
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-927-703-3

Query Match      100.0%; Score 557; DB 9; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107

RESULT 3
US-09-766-535A-3
; Sequence 3, Application US/09766535A
; Patent No. US20020106372A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-010
; CURRENT APPLICATION NUMBER: US/09/766,535A
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-766-535A-3

Query Match      100.0%; Score 557; DB 9; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60

Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107

RESULT 4
US-09-756-161A-3
; Sequence 3, Application US/09756161A
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; Patent No. US20020132307A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-007
; CURRENT APPLICATION NUMBER: US/09/756,161A
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-007
; CURRENT APPLICATION NUMBER: US/09/756,161A
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/09/756,398B
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119

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; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-09-756-398B-3

Query Match 100.0%; Score 557; DB 10; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60
QY 61 RFGSGSGCTDFTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGCTDFTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 6
US-09-897-724-3
; Sequence 3, Application US/09897724
; Publication No. US20030175837A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-012
; CURRENT APPLICATION NUMBER: US/09/897,724
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3

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; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-897-724-3

Query Match      100.0%; Score 557; DB 10; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60

Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 7
US-10-010-229-3
; Sequence 3, Application US/10010229
; Publication No. US20020114805A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/010,229
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US/09/927,703
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-010-229-3

Query Match      100.0%; Score 557; DB 13; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60

Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 8
US-10-043-450-3
; Sequence 3, Application US/10043450
; Publication No. US20020141996A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/043,450
; CURRENT FILING DATE: 2002-01-10

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; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-043-450-3

Query Match      100.0%; Score 557; DB 13; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60

Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 9
US-10-044-534-3
; Sequence 3, Application US/10044534
; Publication No. US20020146419A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/044,534
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18

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; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 ; PRIOR FILING DATE: 1992-03-18  
 ; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 107  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-044-534-3

Query Match 100.0%; Score 557; DB 13; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
 DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
 QY 61 RFGSGSGTDFTLTINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
 DB 61 RFGSGSGTDFTLTINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 10  
 US-10-043-432-3  
 ; Sequence 3, Application US/10043432  
 ; Publication No. US200300540041  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junning  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Ghraieb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 ; FILE REFERENCE: 0975.1005-013  
 ; CURRENT APPLICATION NUMBER: US/10/043,432  
 ; PRIOR FILING DATE: 2002-01-10  
 ; PRIOR APPLICATION NUMBER: 09/927,703  
 ; PRIOR FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: U.S. 09/756,398  
 ; PRIOR FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413

; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 ; PRIOR FILING DATE: 1992-03-18  
 ; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 ; PRIOR FILING DATE: 1991-03-18  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 107  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-043-432-3

Query Match 100.0%; Score 557; DB 14; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
 DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
 QY 61 RFGSGSGTDFTLTINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
 DB 61 RFGSGSGTDFTLTINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 11  
 US-10-208-145-3  
 ; Sequence 3, Application US/10208145  
 ; Publication No. US2003013935A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junning  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Ghraieb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 ; FILE REFERENCE: 0975.1005-006  
 ; CURRENT APPLICATION NUMBER: US/10/208,145  
 ; PRIOR FILING DATE: 2002-07-29  
 ; PRIOR APPLICATION NUMBER: US/09/756,398  
 ; PRIOR FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 107  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-208-145-3

Query Match 100.0%; Score 557; DB 14; Length 107;

Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHVYQORTNGSPRLLIKAYASEMSGIPS 60  
Db 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHVYQORTNGSPRLLIKAYASEMSGIPS 60  
Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107  
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107

## RESULT 12

US-10-198-845-3

; Sequence 3, Application US/10198845

; Publication No. US200301444841

; GENERAL INFORMATION:

; APPLICANT: Le, Junming

; APPLICANT: Vilcek, Jan

; APPLICANT: Daddona, Peter

; APPLICANT: Ghayeb, John

; APPLICANT: Knight, David M.

; APPLICANT: Siegel, Scott

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

; Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-006

; CURRENT APPLICATION NUMBER: US/10/198,845

; CURRENT FILING DATE: 2002-07-18

; PRIOR APPLICATION NUMBER: US/09/756,398

; PRIOR FILING DATE: 2001-01-08

; PRIOR APPLICATION NUMBER: U.S. 09/133,119

; PRIOR FILING DATE: 1998-08-12

; PRIOR APPLICATION NUMBER: U.S. 08/570,674

; PRIOR FILING DATE: 1995-12-11

; PRIOR APPLICATION NUMBER: U.S. 08/324,799

; PRIOR FILING DATE: 1994-10-18

; PRIOR APPLICATION NUMBER: U.S. 08/192,102

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/192,861

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/192,093

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/010,406

; PRIOR FILING DATE: 1993-01-29

; PRIOR APPLICATION NUMBER: U.S. 08/013,413

; PRIOR FILING DATE: 1993-02-02

; PRIOR APPLICATION NUMBER: U.S. 07/943,852

; PRIOR FILING DATE: 1992-09-11

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 3

; LENGTH: 107

; TYPE: PRT

; ORGANISM: Mus Balb/c

US-10-198-845-3

Query Match 100.0%; Score 557; DB 14; Length 107;

Best Local Similarity 100.0%; Pred. No. 6.8e-45;

Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHVYQORTNGSPRLLIKAYASEMSGIPS 60  
Db 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHVYQORTNGSPRLLIKAYASEMSGIPS 60  
Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107  
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107

## RESULT 13

US-10-227-488-3

; Sequence 3, Application US/10227488

; Publication No. US20030147891A1

; GENERAL INFORMATION:

; APPLICANT: Le, Junming

; APPLICANT: Vilcek, Jan

; APPLICANT: Daddona, Peter

; APPLICANT: Ghayeb, John

; APPLICANT: Knight, David M.

; APPLICANT: Siegel, Scott

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

; Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-025

; CURRENT APPLICATION NUMBER: US/10/227,488

; CURRENT FILING DATE: 2002-08-23

; PRIOR APPLICATION NUMBER: U.S. 09/766,535

; PRIOR FILING DATE: 2001-01-18

; PRIOR APPLICATION NUMBER: U.S. 09/133,119

; PRIOR FILING DATE: 1998-08-12

; PRIOR APPLICATION NUMBER: U.S. 08/570,674

; PRIOR FILING DATE: 1995-12-11

; PRIOR APPLICATION NUMBER: U.S. 08/324,799

; PRIOR FILING DATE: 1994-10-18

; PRIOR APPLICATION NUMBER: U.S. 08/192,102

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/192,861

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/192,093

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/010,406

; PRIOR FILING DATE: 1993-01-29

; PRIOR APPLICATION NUMBER: U.S. 08/013,413

; PRIOR FILING DATE: 1993-02-02

; PRIOR APPLICATION NUMBER: U.S. 07/943,852

; PRIOR FILING DATE: 1992-09-11

; PRIOR APPLICATION NUMBER: U.S. 07/853,606

; PRIOR FILING DATE: 1992-03-18

; PRIOR APPLICATION NUMBER: U.S. 07/670,827

; PRIOR FILING DATE: 1991-03-18

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 3

; LENGTH: 107

; TYPE: PRT

; ORGANISM: Mus Balb/c

US-10-227-488-3

Query Match 100.0%; Score 557; DB 14; Length 107;

Best Local Similarity 100.0%; Pred. No. 6.8e-45;

Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHVYQORTNGSPRLLIKAYASEMSGIPS 60  
Db 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSSIHVYQORTNGSPRLLIKAYASEMSGIPS 60  
Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107  
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQOSHWPFTFGSGTNLEVK 107

## RESULT 14

US-10-187-121-3

; Sequence 3, Application US/10187121

; Publication No. US20030175275A1

; GENERAL INFORMATION:

; APPLICANT: Le, Junming

; APPLICANT: Vilcek, Jan

; APPLICANT: Daddona, Peter

; APPLICANT: Ghayeb, John

; APPLICANT: Knight, David M.

; APPLICANT: Siegel, Scott

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

; Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-006

; CURRENT APPLICATION NUMBER: US/10/187,121

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; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/333,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-187-121-3

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	Best Local Similarity	100.0%	Pred. No. 6.8e-45;		
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Db	61	RFSGSGGTPTLTSINTVSESDIADYYCQOSHSPPTFGSGTNLEVK	107		

RESULT 15  
US-10-176-460-3  
Sequence 3, Application US/10176460  
Publication No. US20030176676A1  
GENERAL INFORMATION:  
APPLICANT: Le, Junming  
APPLICANT: Vilcek, Jan  
APPLICANT: Daddona, Peter  
APPLICANT: Chrayeb, David  
APPLICANT: Knight, David M.  
APPLICANT: Siegel, Scott  
TITLE OF INVENTION: Anti-TNP Antibodies and Peptides of  
TITLE OF INVENTION: Human Tumor Necrosis Factor  
FILE REFERENCE: 0975.1005-006  
CURRENT APPLICATION NUMBER: US/10/176,460  
CURRENT FILING DATE: 2002-06-20  
PRIOR APPLICATION NUMBER: US/09/756,398  
PRIOR FILING DATE: 2001-01-08  
PRIOR APPLICATION NUMBER: U.S. 09/133,119  
PRIOR FILING DATE: 1998-08-12  
PRIOR APPLICATION NUMBER: U.S. 08/570,674  
PRIOR FILING DATE: 1995-12-11  
PRIOR APPLICATION NUMBER: U.S. 08/324,799  
PRIOR FILING DATE: 1994-10-18  
PRIOR APPLICATION NUMBER: U.S. 08/192,102  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,861

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? PRIOR FILING DATE: 1994-02-04
? PRIOR APPLICATION NUMBER: U.S. 08/192,093
? PRIOR FILING DATE: 1994-02-04
? PRIOR APPLICATION NUMBER: U.S. 08/010,406
? PRIOR FILING DATE: 1993-01-29
? PRIOR APPLICATION NUMBER: U.S. 08/013,413
? PRIOR FILING DATE: 1993-02-02
? PRIOR APPLICATION NUMBER: U.S. 07/943,852
? PRIOR FILING DATE: 1992-09-11
? PRIOR APPLICATION NUMBER: U.S. 07/853,606
? PRIOR FILING DATE: 1992-03-18
? PRIOR APPLICATION NUMBER: U.S. 07/670,827
? PRIOR FILING DATE: 1991-03-18
? NUMBER OF SEQ ID NOS: 19
? SOFTWARE: Fast-SEQ for Windows Version 4.0
? SEQ ID NO 3
? LENGTH: 107
? TYPE: PRT
? ORGANISM: Mus Balb/c
? US-10-176-460-3

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	Query Match	100.0%	Score 557;	DB 14;	Length 107;
	Best Local Similarity	100.0%;	Pred. No. 6.8e-45;		
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Qy	61	RFSGSGSGDTFTLSINTVSESDIADYYCQOSHGWPTFGSGTNLEVK	107		
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Search completed: February 17, 2005, 13:24:11  
Job time : 88.2212 secs

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GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: February 17, 2005, 12:55:24 ; Search time 21.0619 Seconds  
(without alignments)  
421.767 Million cell updates/sec

Title: US-09-766-535A-5  
Perfect score: 636  
Sequence: 1 EVKLEESGGLVQPGSMKL.....RNYGSTDYWGQGTTLTVS 119

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA:\*  
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2: /cgn2\_6/prodata/1/aaa/5B COMB.pep:\*  
3: /cgn2\_6/prodata/1/aaa/6A COMB.pep:\*  
4: /cgn2\_6/prodata/1/aaa/6B COMB.pep:\*  
5: /cgn2\_6/prodata/1/aaa/PCTUS COMB.pep:\*  
6: /cgn2\_6/prodata/1/aaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	636	100.0	119	1	US-08-324-799-5 Sequence 5, Appli
3	636	100.0	119	2	US-08-192-861A-5 Sequence 5, Appli
4	636	100.0	119	3	US-09-133-119-5 Sequence 5, Appli
5	636	100.0	119	3	US-08-192-093A-5 Sequence 5, Appli
6	636	100.0	119	4	US-09-756-301B-5 Sequence 5, Appli
7	636	100.0	119	4	US-09-756-398B-5 Sequence 5, Appli
8	519	81.6	122	3	US-08-483-749A-2 Sequence 2, Appli
9	509	80.0	120	3	US-08-767-128-28 Sequence 28, Appli
10	507	79.7	114	3	US-08-483-749A-10 Sequence 10, Appli
11	504.5	79.3	119	3	US-08-767-128-26 Sequence 16, Appli
12	487	76.6	242	2	US-08-224-591-14 Sequence 14, Appli
13	487	76.6	242	2	US-08-392-338A-23 Sequence 23, Appli
14	487	76.6	242	2	US-08-526-789-14 Sequence 14, Appli
15	487	76.6	242	3	US-09-166-750-23 Sequence 23, Appli
16	487	76.6	242	3	US-09-166-093-23 Sequence 23, Appli
17	487	76.6	242	3	US-09-172-019-23 Sequence 23, Appli
18	487	76.6	242	3	US-09-166-094-23 Sequence 23, Appli
19	487	76.6	242	4	US-09-443-213-23 Sequence 23, Appli
20	487	76.6	244	2	US-08-392-338A-13 Sequence 13, Appli
21	487	76.6	244	3	US-09-166-750-13 Sequence 13, Appli
22	487	76.6	244	3	US-09-166-093-13 Sequence 13, Appli
23	487	76.6	244	3	US-09-172-019-13 Sequence 13, Appli
24	487	76.6	244	3	US-09-166-094-13 Sequence 13, Appli
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26	487	76.6	244	5	PCT-US93-11138-14 Sequence 14, Appli
27	487	76.6	250	2	US-08-392-338A-15 Sequence 15, Appli

28	487	76.6	250	3	US-09-166-750-15 Sequence 15, Appli
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31	487	76.6	250	3	US-09-166-094-15 Sequence 15, Appli
32	487	76.6	250	4	US-09-443-213-15 Sequence 15, Appli
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34	487	76.6	253	3	US-09-166-750-17 Sequence 17, Appli
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36	487	76.6	253	3	US-09-172-019-17 Sequence 17, Appli
37	487	76.6	253	3	US-09-166-094-17 Sequence 17, Appli
38	487	76.6	253	4	US-09-443-213-17 Sequence 17, Appli
39	483	75.9	118	4	US-09-232-290-58 Sequence 58, Appli
40	478	75.2	242	6	5455030-17 Patent No. 5455030
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42	478	75.2	285	3	US-09-318-661-4 Sequence 4, Appli
43	478	75.2	285	4	US-09-883-758-4 Sequence 4, Appli
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45	471	74.1	115	1	US-08-466-272A-1 Sequence 1, Appli

ALIGNMENTS

RESULT 1  
US-08-192-102-5  
; Sequence 5, Application US/08192102  
; Patent No. 5656272  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter E.  
; APPLICANT: Ghirayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Sjogel, Scott A.  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,102  
; FILING DATE: 04-FEB-1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,093  
; FILING DATE: 04-FEB-1994  
; APPLICATION NUMBER: US 08/013,413  
; FILING DATE: 02-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/010,406  
; FILING DATE: 29-JAN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/943,852  
; FILING DATE: 11-SEP-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/853,606  
; FILING DATE: 18-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/670,827  
; FILING DATE: 18-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brook, David E.  
; REGISTRATION NUMBER: 22,592

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; REFERENCE/DOCKET NUMBER: NYU93-01M3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-192-102-5

Query Match          100.0%; Score 636; DB 1; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNMWVRQSPKGLWVAEIRSKINSAT 60

Qy 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDGTGYICSRNYGSTDYWGQGTTLTVS 119
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RESULT 2
US-08-324-799-5
; Sequence 5, Application US/08324799
; Patent No. 5698195
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 18-OCT-1994
; APPLICATION NUMBER: US/08/324,799
; PRIOR APPLICATION DATA:
; FILING DATE: 04-FEB-1994
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 08/192,102
; PRIOR APPLICATION DATA:
; FILING DATE: 04-FEB-1994
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-324-799-5

Query Match          100.0%; Score 636; DB 1; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNMWVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNMWVRQSPKGLWVAEIRSKINSAT 60

Qy 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDGTGYICSRNYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDGTGYICSRNYGSTDYWGQGTTLTVS 119

RESULT 3
US-08-192-861A-5
; Sequence 5, Application US/08192861A
; Patent No. 5919452
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: METHODS OF TREATING TNF-MEDIATED DISEASE USING
; TITLE OF INVENTION: CHIMERIC ANTI-TNF ANTIBODIES (As Amended)
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 04-FEB-1994
; APPLICATION NUMBER: US/08/192,861A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-324-799-5
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/ FILING DATE: 18-MAR-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/670,827
/ FILING DATE: 18-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brook, David E.
/ REGISTRATION NUMBER: 22,592
/ REFERENCE/DOCKET NUMBER: NYU93-01M2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (781) 861-6240
/ TELEFAX: (781) 861-9540
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 119 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ US-08-192-861A-5

Query Match 100.0%; Score 636; DB 2; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EVKLEESGGLVQPGSMKLSVASGFIFSNHMMWVRSPEKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTVS 119
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RESULT 4
US-09-133-119-5
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/ Patent No. 6277969
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter E.
/ APPLICANT: Grayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott A.
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
/ TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ FILING DATE: US/09/133,119
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/570,674
/ FILING DATE: 11-DEC-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/324,799
/ FILING DATE: 18-OCT-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,093
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,102
/ FILING DATE: 04-FEB-1994
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/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,861
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/013,413
/ FILING DATE: 02-FEB-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/010,406
/ FILING DATE: 29-JAN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/943,852
/ FILING DATE: 11-SEP-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/853,606
/ FILING DATE: 18-MAR-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/670,827
/ FILING DATE: 18-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brook, David E.
/ REGISTRATION NUMBER: 22,592
/ REFERENCE/DOCKET NUMBER: NYU93-01M4A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 119 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ US-09-133-119-5

Query Match 100.0%; Score 636; DB 3; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGLVQPGSMKLSVASGFIFSNHMMWVRSPEKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGLVQPGSMKLSVASGFIFSNHMMWVRSPEKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 5
US-08-192-093A-5
/ Sequence 5, Application US/08192093A
/ Patent No. 6284471
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter E.
/ APPLICANT: Grayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott A.
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/08/192,093A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M3
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-192-093A-5

Query Match 100.0%; Score 636; DB 3; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVKLESGLVQPGGSKLSCVAGSFIFSNHNMWVRSPEKGLEWVAIRSKINSAT 60
Db 1 EVKLESGLVQPGGSKLSCVAGSFIFSNHNMWVRSPEKGLEWVAIRSKINSAT 60
Qy 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDGVYCSRNYYGTYDYGQGTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDGVYCSRNYYGTYDYGQGTTLTVS 119

RESULT 6
US-09-756-301B-5
; Sequence 5, Application US/09/756301B
; Patent No. 6790444
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-008
; CURRENT APPLICATION NUMBER: US/09/756,301B
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
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; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-301B-5

Query Match 100.0%; Score 636; DB 4; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVKLESGLVQPGGSKLSCVAGSFIFSNHNMWVRSPEKGLEWVAIRSKINSAT 60
Db 1 EVKLESGLVQPGGSKLSCVAGSFIFSNHNMWVRSPEKGLEWVAIRSKINSAT 60
Qy 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDGVYCSRNYYGTYDYGQGTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDGVYCSRNYYGTYDYGQGTTLTVS 119

RESULT 7
US-09-756-398B-5
; Sequence 5, Application US/09756398B
; Patent No. 6835823
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/09/756,398B
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
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Qy	1	EVLKESGGGLVPGGSMKLSCVASGPIFSNHHNMWVRQSPKGLEHVAEIRKSINSAT	60
		:	
Db	1	EVLKESGGGLVPGGRSMKLSCVASGTFSNYNNMWVRQSPKGLEHVAEIRLKNNYAT	60
		:	
Qy	61	HYAESVKGRPTISRDSKSAVYLQMTDLRTEDTGVIYCSEN----	116
		:	
Db	61	HYAESVKGRPTISRDSKSSVYLQLANLRADGTGIYCAERVLYYY--TMDYWGQGTSV	118
		:	
Qy	117	TVS	119
Db	119	TVS	121

	Query Match	80.0%;	Score 509;	DB 3;	Length 120;
	Best Local Similarity	80.7%;	Pred. No. 8.2e-43;		
	Matches	96;	Conservative	8;	Mismatches 15; Indels 0; Gaps 0;
Qy	1	EVKLEBSGGGLVQPGGSKLSVCASGFI	NSHHMMNVROSPEKGLEWVAEIRK	NSIN	60
Db	1	EVKTEBSGGGLVQPGGSKLSVCASGFT	FSNYMMNVROSPEKGLEWVAEIRL	KSNN	60
Qy	61	HVAESVKGRFTTISRDDSKSAVYLQ	MTDLRTEDGVVYCSRNYYGSTVD	YWGQGTTLTVS	119
Db	61	HVAESVKGRFTTISRDDSKSVYLQ	MNNLRAEDTGIIYCYRGEGFAYW	GEGLTVTVS	119

RESULT 10  
US-08-483-749A-10  
; Sequence 10, Application US/08483749A  
; Patent No. 6054561  
; GENERAL INFORMATION:  
; APPLICANT: RING, DAVID B.  
; TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY  
; TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CHIRON CORPORATION  
; STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097  
; CITY: EMERYVILLE  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94662-8097

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: SAVEREIDE, PAUL B.  
REGISTRATION NUMBER: 36,914  
REFERENCE/DOCKET NUMBER: 0508.008  
TELEPHONE: (510) 601-2585  
TELEFAX: (510) 655-3542

INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 114 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-483-749A-10

Query Match 79.7%; Score 507; DB 3; Length 114;

Best Local Similarity 79.8%; Pred. No. 1.2e-42;

Matches 95; Conservative 10; Mismatches 8; Indels 6; Gaps 1;

Qy 1 EVKLEESGGGLVQPGGSMKLSVAGSPFISNHNWVWVRSPEKGLWVAEIRSKINSAT 60

Db 1 EVKLEESGGGLVQPGGSMKLSVAGSPFTFSNHNWVWVRSPEKGLWVAEIKLSNNYPT 60

Qy 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYVCSNRYGTYDYWGQGTTLTVS 119

Db 61 HYAESVKGRTISRDDSKSAVYLQNNLRDTDTGVYVCSNRYGTYDYWGQGTTLTVS 113

RESULT 11

US-08-767-128-26

; Sequence 26, Application US/08767128

; Patent No. 6111079

; GENERAL INFORMATION:

; APPLICANT: WYLIE, DWANE E.

; APPLICANT: LOPEZ, OSVALDO

; APPLICANT: MURRAY, PETER JOSEPH

; APPLICANT: GOEBEL, PETER

; TITLE OF INVENTION: LEAD BINDING POLYPEPTIDES AND

; TITLE OF INVENTION: NUCLEOTIDES CODING THEREFORE

; NUMBER OF SEQUENCES: 46

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Merchants, Gould, Smith, Edell, Welter & Schmidt

; STREET: 3100 No. 6111079 West Center, 90 South Seventh St

; CITY: Minneapolis

; STATE: MN

; COUNTRY: USA

; ZIP: 55402

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq Version 1.5

; CURRENT APPLICATION DATA:

; FILING DATE: US/08/767,128

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; FILING DATE: 05-JUN-1996

; PRIOR APPLICATION NUMBER: 08/541,373

; FILING DATE: 10-OCT-1995

; PRIOR APPLICATION NUMBER: 08/462,798

; FILING DATE: 05-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Carter, Charles G.

; REGISTRATION NUMBER: 35,093

; REFERENCE/DOCKET NUMBER: 8648.49USF1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 612/371-5278

; TELEFAX: 612/332-9081

; TELEX:

; INFORMATION FOR SEQ ID NO: 26:

SEQUENCE CHARACTERISTICS:

LENGTH: 119 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-767-128-26

Query Match 79.3%; Score 504.5; DB 3; Length 119;

Best Local Similarity 81.5%; Pred. No. 2.2e-42;

Matches 97; Conservative 7; Mismatches 14; Indels 1; Gaps 1;

Qy 1 EVKLEESGGGLVQPGGSMKLSVAGSPFISNHNWVWVRSPEKGLWVAEIRSKINSAT 60

Db 1 EVKLEESGGGLVQPGGSMKLSVAGSPFTFSNHNWVWVRSPEKGLWVAEIRSKINSAT 59

Qy 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYVCSNRYGTYDYWGQGTTLTVS 119

Db 60 HYAESVKGRTISRDDSKSAVYLQNNLRDTDTGVYVCSNRYGTYDYWGQGTTLTVS 118

RESULT 12

US-08-224-591-14

; Sequence 14, Application US/08224591

; Patent No. 5856456

; GENERAL INFORMATION:

; APPLICANT: Whitlow, Marc

; APPLICANT: Filpula, David

; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides

; NUMBER OF SEQUENCES: 25

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Sterne, Kessler, Goldstein & Fox

; STREET: 1100 New York Avenue, Suite 600

; CITY: Washington

; STATE: D.C.

; COUNTRY: U.S.A.

; ZIP: 20005

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq Version 1.5

; CURRENT APPLICATION DATA:

; FILING DATE: US/08/767,128

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; FILING DATE: 05-JUN-1996

; PRIOR APPLICATION NUMBER: 08/541,373

; FILING DATE: 10-OCT-1995

; PRIOR APPLICATION NUMBER: 08/462,798

; FILING DATE: 05-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Carter, Charles G.

; REGISTRATION NUMBER: 35,093

; REFERENCE/DOCKET NUMBER: 8648.49USF1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 612/371-5278

; TELEFAX: 612/332-9081

; TELEX:

; INFORMATION FOR SEQ ID NO: 26:

SEQUENCE CHARACTERISTICS:

LENGTH: 119 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-767-128-26

Query Match 79.3%; Score 504.5; DB 3; Length 119;

Best Local Similarity 81.5%; Pred. No. 2.2e-42;

Matches 97; Conservative 7; Mismatches 14; Indels 1; Gaps 1;

Qy 1 EVKLEESGGGLVQPGGSMKLSVAGSPFISNHNWVWVRSPEKGLWVAEIRSKINSAT 60

Db 1 EVKLEESGGGLVQPGGSMKLSVAGSPFTFSNHNWVWVRSPEKGLWVAEIRSKINSAT 59

Qy 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYVCSNRYGTYDYWGQGTTLTVS 119

Db 60 HYAESVKGRTISRDDSKSAVYLQNNLRDTDTGVYVCSNRYGTYDYWGQGTTLTVS 118

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/224,591
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELEPHONE: (202) 371-2540
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 242 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-224-591-14

Query Match 76.6%; Score 487; DB 2; Length 242;
Best Local Similarity 74.8%; Pred. No. 2.7e-40;
Matches 89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;

QY 1 EVKLESGGLVQPGSMKLSVAGFTFSNNHMMWVRSPEKGLWVAETRSKINSAT 60
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 61 HYAESVKGRTISRDDSKSAVLTQMTDLRTDTGVYCSRNYYGTYDYGQGTTLTVS 119
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
; RESULT 13
; US-08-392-338A-23
; Sequence 23, Application US/08392338A
; Patent No. 5869620
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/392,338A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/224,591
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELEPHONE: (202) 371-2540
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 242 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-392-338A-23

Query Match 76.6%; Score 487; DB 2; Length 242;
Best Local Similarity 74.8%; Pred. No. 2.7e-40;
Matches 89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;

QY 1 EVKLESGGLVQPGSMKLSVAGFTFSNNHMMWVRSPEKGLWVAETRSKINSAT 60
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 61 HYAESVKGRTISRDDSKSAVLTQMTDLRTDTGVYCSRNYYGTYDYGQGTTLTVS 119
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
; RESULT 14
; US-08-926-789-14
; Sequence 14, Application US/08926789
; Patent No. 590275
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/926,789
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/224,591
; FILING DATE:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 242 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-392-338A-23

QY 1 EVKLESGGLVQPGSMKLSVAGFTFSNNHMMWVRSPEKGLWVAETRSKINSAT 60
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 61 HYAESVKGRTISRDDSKSAVLTQMTDLRTDTGVYCSRNYYGTYDYGQGTTLTVS 119
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
; RESULT 14
; US-08-926-789-14
; Sequence 14, Application US/08926789
; Patent No. 590275
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/926,789
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/224,591
; FILING DATE:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 242 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-392-338A-23
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LENGTH: 242 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-926-789-14

Query Match 76.6%; Score 487; DB 2; Length 242;  
 Best Local Similarity 74.8%; Pred. No. 2.7e-40;  
 Matches 89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;  
 Qy 1 EVKLEESGGGLVQPGGSKLSCVASGTFIFSNHNMNVRQSPKGLWVAEIRSKSINSAT 60  
 Db 126 EVKLDCTGGGLVQPGRPMLKSCVASGTFISDYNNWVRQSPKGLWVAQIRNKPNYET 185  
 Qy 61 HYAESVKGRTISRDDSKSAVYLOWTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119  
 Db 186 YYSDSVKGRTISRDDSKSSVYLOWNLRVEDMGIIYCTGSYYG--MDYWGQGTSTVTS 242

RESULT 15

US-09-166-750-23  
 ; Sequence 23, Application US/09166750  
 ; Patent No. 6025165  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Whitlow, Marc  
 ; APPLICANT: Wood, James F.  
 ; APPLICANT: Hardman, Karl  
 ; APPLICANT: Bird, Robert  
 ; APPLICANT: Filpula, David  
 ; APPLICANT: Rollence, Michelle  
 ; TITLE OF INVENTION: Methods for Producing Multivalent Antigen-Binding  
 ; NUMBER OF SEQUENCES: 23  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
 ; STREET: 1100 New York Avenue, NW  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: U.S.A.  
 ; ZIP: 20005  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/166,750  
 ; FILING DATE: Herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/392,338  
 ; FILING DATE: 22-FEB-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 07/989,846  
 ; FILING DATE: 20-NOV-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 07/796,936  
 ; FILING DATE: 25-NOV-1991  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Goldstein, Jorge A.  
 ; REGISTRATION NUMBER: 29,021  
 ; REFERENCE/DOCKET NUMBER: 0977.003000C  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (202) 371-2600  
 ; TELEFAX: (202) 371-2540  
 ; INFORMATION FOR SEQ ID NO: 23:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 242 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 US-09-166-750-23

Query Match 76.6%; Score 487; DB 3; Length 242;  
 Best Local Similarity 74.8%; Pred. No. 2.7e-40;  
 Matches 89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;  
 Qy 1 EVKLEESGGGLVQPGGSKLSCVASGTFIFSNHNMNVRQSPKGLWVAEIRSKSINSAT 60  
 Db 126 EVKLDCTGGGLVQPGRPMLKSCVASGTFISDYNNWVRQSPKGLWVAQIRNKPNYET 185  
 Qy 61 HYAESVKGRTISRDDSKSAVYLOWTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119  
 Db 186 YYSDSVKGRTISRDDSKSSVYLOWNLRVEDMGIIYCTGSYYG--MDYWGQGTSTVTS 242

Search completed: February 17, 2005, 13:08:22  
 Job time : 22.0619 secs



## SUMMARIES

Result No.	Query			DB	ID	Description
	Score	Match	Length			
1	636	100.0	119	9	US-09-756-301A-5	Sequence 5, Appli
2	636	100.0	119	9	US-09-927-703-5	Sequence 5, Appli
3	636	100.0	119	9	US-09-766-535A-5	Sequence 5, Appli
4	636	100.0	119	9	US-09-756-161A-5	Sequence 5, Appli
5	636	100.0	119	10	US-09-756-398B-5	Sequence 5, Appli
6	636	100.0	119	10	US-09-897-724-5	Sequence 5, Appli
7	636	100.0	119	13	US-10-010-229-5	Sequence 5, Appli
8	636	100.0	119	13	US-10-043-450-5	Sequence 5, Appli
9	636	100.0	119	13	US-10-044-534-5	Sequence 5, Appli
10	636	100.0	119	14	US-10-043-432-5	Sequence 5, Appli
11	636	100.0	119	14	US-10-208-145-5	Sequence 5, Appli
12	636	100.0	119	14	US-10-198-845-5	Sequence 5, Appli
13	636	100.0	119	14	US-10-227-488-5	Sequence 5, Appli

PRIOR FILING DATE: 1992-03-1

[illegible]

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; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-301A-5

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	Query Match	100.0%	Score 636;	DB 9;	Length 119;
	Best Local Similarity	100.0%;	Pred. No. 1.1e-49;		
	Matches 119;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	EVKLESGGGLVQPGGSKMLSCVASGIFPSNHNWVVRQSPKGLEWVAIRSKINSAT	60		
Db	1	EVKLESGGGLVQPGGSKMLSCVASGIFPSNHNWVVRQSPKGLEWVAIRSKINSAT	60		
QY	61	HYAESVKGRETI SRDSDSKSAVYLQMTDLRTEDGVYCSRNYYGSTDYVWGQGTTLTVS	119		
Db	61	HYAESVKGRETI SRDSDSKSAVYLQMTDLRTEDGVYCSRNYYGSTDYVWGQGTTLTVS	119		

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RESULT 2
US-09-927-703-5
; Sequence 5, Application US/09927703
; Patent No. US20020022720A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor

```

Query Match	100.0%;	Score 636;	DB 9;	Length 119;
Best Local Similarity	100.0%;	Pred. No. 1.1e-49;		

	Matches	119;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	EVKLESGGGI	QVPGGSMKLS	CVASG	TFISNHNMMN	WVRQSP	EPKGLEW	VAEIRSKS	INSAT	60
Db	1	EVKLESGGGI	QVPGGSMKLS	CVASG	TFISNHNMMN	WVRQSP	EPKGLEW	VAEIRSKS	INSAT	60
Qy	61	HYAESVGRFT	ISRDDSKS	AVYLQMTDL	RTEDTGVY	CSRNYG	STVDY	WQGGTTL	TVS	119
Db	61	HYAESVGRFT	ISRDDSKS	AVYLQMTDL	RTEDTGVY	CSRNYG	STVDY	WQGGTTL	TVS	119

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RESULT 3
US-09-766-535A-5
; Sequence 5, Application US/09766535A
; Patent No. US20020106372A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-010
; CURRENT APPLICATION NUMBER: US/09/766,535A
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-766-535A-5

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	Query Match	100.0%;	Score 636;	DB 9;	Length 119;
	Best Local Similarity	100.0%;	Pred. No. 1.1e-49;		
	Matches 119;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	EVKLESGGGLVPGGSMKLSCVASGFI	FNSHNWNNVVRQSPKGLEWVAEIRSKINSAT	60	
Db	1	EVKLESGGGLVPGGSMKLSCVASGFI	FNSHNWNNVVRQSPKGLEWVAEIRSKINSAT	60	
Qy	61	HYAESVKGRETIISRDPSKSAVYLQMTDLRTEDTGVIYCSNYYGSGTVDYWGQGTTLTIVS	119		
Db	61	HYAESVKGRETIISRDPSKSAVYLQMTDLRTEDTGVIYCSNYYGSGTVDYWGQGTTLTIVS	119		

RESULT 4  
US-09-756-161A-5  
; Sequence 5. Application US/09756161A



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; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-897-724-5

Query Match      100.0%; Score 636; DB 10; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSMKLSCVASGFIFSNHNNWVRSPEKGLEWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSMKLSCVASGFIFSNHNNWVRSPEKGLEWVAEIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGVIYCSRNYYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGVIYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 7
US-10-010-229-5
; Sequence 5, Application US/10010229
; Publication No. US20020114805A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/010,229
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US/09/927,703
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-010-229-5

Query Match      100.0%; Score 636; DB 13; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSMKLSCVASGFIFSNHNNWVRSPEKGLEWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSMKLSCVASGFIFSNHNNWVRSPEKGLEWVAEIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGVIYCSRNYYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGVIYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 8
US-10-043-450-5
; Sequence 5, Application US/10043450
; Publication No. US20020141996A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/043,450
; PRIOR FILING DATE: 2002-01-10
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; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-043-450-5

Query Match      100.0%; Score 636; DB 13; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSMKLSCVASGFIFSNHNNWVRSPEKGLEWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSMKLSCVASGFIFSNHNNWVRSPEKGLEWVAEIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGVIYCSRNYYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGVIYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 9
US-10-044-534-5
; Sequence 5, Application US/10044534
; Publication No. US20020146419A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/044,534
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
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; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 ; PRIOR FILING DATE: 1992-03-18  
 ; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 5  
 ; LENGTH: 119  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-044-534-5

Query Match 100.0%; Score 636; DB 13; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-49;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 EVKLEESGGGLVQPGSMKLSVASGFTFSNNHMMNVRQSPKGLWVAEIRKINSAT 60  
 DB 1 EVKLEESGGGLVQPGSMKLSVASGFTFSNNHMMNVRQSPKGLWVAEIRKINSAT 60  
 QY 61 HYAESVKGRTISRDDSKSAVLTQMTDLRTDTGVYCSRNYGSTDYWGQGTTLTVS 119  
 DB 61 HYAESVKGRTISRDDSKSAVLTQMTDLRTDTGVYCSRNYGSTDYWGQGTTLTVS 119

RESULT 10  
 US-10-043-432-5  
 ; Sequence 5, Application US/10043432  
 ; Publication No. US20030054004A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junming  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Chrayeb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 ; TITLE OF INVENTION: Human Tumor Necrosis Factor  
 ; FILE REFERENCE: 0975.1005-013  
 ; CURRENT APPLICATION NUMBER: US/10/043,432  
 ; CURRENT FILING DATE: 2002-01-10  
 ; PRIOR APPLICATION NUMBER: 09/927,703  
 ; PRIOR FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: U.S. 09/756,398  
 ; PRIOR FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 5  
 ; LENGTH: 119  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-043-432-5

; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 ; PRIOR FILING DATE: 1992-03-18  
 ; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 ; PRIOR FILING DATE: 1991-03-18  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 5  
 ; LENGTH: 119  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-043-432-5

Query Match 100.0%; Score 636; DB 14; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-49;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 EVKLEESGGGLVQPGSMKLSVASGFTFSNNHMMNVRQSPKGLWVAEIRKINSAT 60  
 DB 1 EVKLEESGGGLVQPGSMKLSVASGFTFSNNHMMNVRQSPKGLWVAEIRKINSAT 60  
 QY 61 HYAESVKGRTISRDDSKSAVLTQMTDLRTDTGVYCSRNYGSTDYWGQGTTLTVS 119  
 DB 61 HYAESVKGRTISRDDSKSAVLTQMTDLRTDTGVYCSRNYGSTDYWGQGTTLTVS 119

RESULT 11  
 US-10-208-145-5  
 ; Sequence 5, Application US/10208145  
 ; Publication No. US20030133935A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junming  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Chrayeb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 ; TITLE OF INVENTION: Human Tumor Necrosis Factor  
 ; FILE REFERENCE: 0975.1005-006  
 ; CURRENT APPLICATION NUMBER: US/10/208,145  
 ; CURRENT FILING DATE: 2002-07-29  
 ; PRIOR APPLICATION NUMBER: US/09/756,398  
 ; PRIOR FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 5  
 ; LENGTH: 119  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-208-145-5

Query Match 100.0%; Score 636; DB 14; Length 119;



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; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-176-460-5

Query Match      100.0%; Score 636; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSMKLSKVASGTFPSNNHMMNVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSMKLSKVASGTFPSNNHMMNVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYGSTDYWGQGTTLTVS 119

Search completed: February 17, 2005, 13:24:11
Job time : 94.7788 secs

; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-187-121-5

Query Match      100.0%; Score 636; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSMKLSKVASGTFPSNNHMMNVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSMKLSKVASGTFPSNNHMMNVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYGSTDYWGQGTTLTVS 119

RESULT 15
US-10-176-460-5
; Sequence 5, Application US/10176460
; Publication NO. US20030176676A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilecek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNP Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/176,460
; CURRENT FILING DATE: 2002-06-20
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
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